



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

WESELY, DR. F. Definite Bahnbestimmung für den Kometen 1864 V. *Denkschriften d. k. Akad. d. Wiss., Mathem.-Naturwiss. Klasse*, Vol. 84, pp. 643-655, 1909.

PHYSICAL GEOGRAPHY

CZAPEK, F. Zur Kenntnis des Phytoplanktons im Indischen Ozean. Ills. *Sitzungsber. der k. Akad. der Wissens., Math.-Naturwiss. Klasse*, Vol. 118, No. 3, pp. 231-9, Vienna, 1909.

FRITSCHE, DR. H. Die mittlere Temperatur der Luft im Meeressniveau dargestellt als Funktion der geographischen Länge, Breit und fahreszeit. [Printed from photo-engravings of the Author's Manuscript.] *Meteorol. Publikation* 1. 144 pp., and Maps. Riga, 1909.

HANN, JULIUS. Der tägliche Gang der Temperatur in der äusseren Tropenzone. A. Das amerikanische und afrikanische Tropengebiet. *Denkschrift der k. Akad. der Wissen., Math.-Naturw. Klasse*, Vol. 80, pp. 317-404, Vienna, 1907.

KNOWLTON, A. A. The Present State of our Knowledge of Magnetic Materials. *Terr. Mag. and Atmosph. Electr.*, Vol. 15, No. 1, pp. 3-8, 1910.

— Tiefseelotungen S. M. S. "Planet" 1909, unter dem Kommando von Korvettenkapitän v. Trotha. Maps and Diagrams. *Annal. d. Hydrog. und Mar. Meteor.*, Vol. 38, No. 3, pp. 98-103, 1910.

— Upper Air Data. Summary of Data for the Year July 1, 1907 to June 30, 1908. Diagrams. *Bull. Mount Weather Observ.*, Vol. 2, Part 3, pp. 145-182, 1909.

GENERAL

RUNGE, C. Über die Ortsbestimmung im Ballon. *Nachrichten k. Gesell. d. Wiss. zu Göttingen, Mathem.-physik. Klasse*, No. 3, pp. 289-307, Berlin, 1909.

SCHARFETTER, PROF. DR. R. Pflanzen und Völkergrenzen, *Pet. Mitt.*, Vol. 56, No. 3, pp. 121-123, 1910.

— Completion of the First Cruise of the "Carnegie." Ill. *Terr. Magn. and Atmosph. Electr.*, Vol. 15, No. 1, pp. 1-2, 1910.

NEW MAPS

NORTH AMERICA

U. S. HYDROGRAPHIC OFFICE CHARTS

Pilot Chart of the North Atlantic Ocean, May, 1910. [On the reverse are a short history and ephemeris of Halley's Comet.]

Pilot Chart of the North Pacific Ocean, May, 1910.

WEATHER BUREAU CHARTS

Meteorological Chart of the North Atlantic Ocean, June, 1910.

Meteorological Chart of the South Atlantic Ocean, June, July, August, 1910.

Meteorological Chart of the North Pacific Ocean, June, 1910.

Meteorological Chart of the South Pacific Ocean, June, July, August, 1910.

CALIFORNIA. Map of the San Francisco Bay Region showing Distribution of shell heaps. 1 inch=2.5 miles. Illustrates "Shellmounds of the San Francisco Bay Region," by N. C. Nelson. Univ. of Cal. Pub. in Amer. Arch. and Eth., Vol. 7, No. 4. Berkeley, 1909.

NEW YORK. The Indian Occupancy of the Niagara Frontier. No Scale. By Frederick Houghton. Illustrates "Indian Villages, Camp and Burial Sites on the Niagara Frontier" (same author). *Bull. Buffalo Soc. of Nat. Sci.*, Vol. 9, No. 3, Buffalo, 1909. [Black sketch map.]

NEW YORK. Map of Port Henry and Vicinity. 1:63,360=1 mile to an inch. Contour interval, 20 feet. In N. Y. State Museum *Bull.* 138, Albany, 1910. [Location of iron mines indicated by numbers referring to the text.]

NEW YORK. Geological Map of the Elizabethtown-Port Henry Quadrangles. 1:62,500=0.9 mile to an inch. Contour interval, 20 feet. Illustrates N. Y. State Museum *Bull.* 138, Albany, 1910. [The map includes the work both of the U. S. and the N. Y. State Geol. Surveys and is accompanied by a sheet showing geological sections along lines indicated on main sheet. Colors show geological detail.]

PORTO RICO. Road and Railroad Map of Porto Rico. No Scale. With Reports of Governor and other Officials of Porto Rico, in *Annual Reports of War Department*, Vol. 9, Washington, 1909. [A black sketch map showing wagon roads and railroads in operation or projected.]

VIRGINIA. MAP OF THE U. S. NAVY YARD, NORFOLK, VA. 1 inch=600 feet. With "The Development of the Norfolk Navy Yard," by Civ. Eng. A. C. Cunningham. In *Proc. U. S. Naval Inst.*, Vol. 36, No. 1, Annapolis, Md., 1910.

WEST VIRGINIA. Map showing approximate Location of diamond drill holes described in Vol. 2 (A) of Reports of W. Va. Geological Survey. 1 inch=4 miles. I. C. White, State Geologist. Drawn by Ray V. Hennen, Ass't. Geologist. Morgantown, 1908. [The borings were made during investigations of coal resources of the state.]

WEST VIRGINIA. Map of West Virginia showing Railroads and County Products, 1905. 1 inch=12 miles. I. C. White, State Geologist. Drawn from Government and other Surveys by Ray V. Hennen. W. Va. Geol. Surv., Morgantown, 1910. [The varous railroad lines shown in differing colors. Tables of principal products of each county and other statistics.]

WEST VIRGINIA. Map of W. Va. showing coal, oil, gas and limestone areas. 1 inch=7 miles. Geologic Features by I. C. White, State Geologist. Base map by Ray V. Hennen, Ass't. Geologist, from topographic sheets of U. S. Geol. Surv. W. Va. Geol. Surv., Morgantown, 1908. [A good economic map showing mineral and gas areas in colors, with brown contours of elevation. The coal mines are numbered with reference to list of mining companies on margin.]

CANADA. (a) Atlas of Canada. No. 7: Minerals. 1 inch=100 miles. [Colored symbols for distribution of minerals south of 68° N. Lat.]; (b) Map of the Dominion of Canada. 1 inch=100 miles. [Showing, in red, the wheat area in Manitoba, Saskatchewan and Alberta surveyed up to Jan. 1, 1908, with points farther north where wheat has been grown]; (c) 20 Maps of Canada on one sheet showing temperatures, isotherms, isobars, precipitation, rainfall, snow-

fall and average possible hours of sunshine in the summer months; (d) Northern Canada. 1 inch=25 miles. 52° - 60° N.; 93° - 120° W. [Showing navigation, quality of soils, distribution of timber, etc. Illustrate "Canada's Fertile Northland." Dep't. of the Interior, Ottawa, 1907.]

CANADA. Explored Routes in a portion of Northwestern Ontario traversed by the National Transcontinental Railway between Lake Nipigon & Sturgeon Lake. 1 inch=4 miles. $49^{\circ} 50'$ - 51° N.; $88^{\circ} 30'$ - $91^{\circ} 45'$ W. With "A Geological Reconnaissance of the Region traversed by the Nat. Trans. R.R. between Lake Nipigon and Clay Lake, Ont." By W. H. Collins. Dep't. of Mines, Geol. Surv. Branch, Ottawa, 1909, No. 1059. [Geological formations in colors.]

SOUTH AMERICA

ARGENTINA. Geologische Übersichtsskizze des südöstlichen Chubuts. 1:500,000=7.89 miles to an inch. With "Geologische Beschreibung der Umgebung des Sees Musters in Patagonien," by Richard Stappenbeck. In *Sitzungsber. d. k. Akad. d. Wissens., Math.-Naturwissens. Klasse*, 117 Band, 9 u. 10 Heft., Abt. I, Vienna, 1908. [10 colored symbols for formations.]

CHILE. Karte von Chile u. d. angrenzenden Gebieten Argentiniens u. Boliviens unter Zugrundelegung d. Stieler'schen Karte, photolithographisch vergrössert, u. unter d. Redaction von Dr. L. Friederichsen d. Martin'schen Landeskunde von Chile angepasst. 1:5,000,000=78.9 miles to an inch. L. Friederichsen & Co., Hamburg, 1909. [Illustrates "Landeskunde von Chile," by the late Dr. Martin. Boundaries in red, symbols for towns according to population, and a large variety of other information.]

AFRICA

ANGLO-EGYPTIAN SUDAN. Stations at which Rainfall was measured in 1908 in the Basin of the Upper Nile. 1:7,500,000=118.35 miles to an inch. In "The Rains of the Nile Basin and the Nile Flood of 1908," by Capt. H. G. Lyons. Survey Dep't. *Paper*, No. 14, Surv. Dep't., Egypt, Cairo, 1909. [A black Map indicating rainfall stations.]

ANGLO-EGYPTIAN SUDAN. The Sudan Province of Kordofan. 1:2,000,000=31.56 miles to an inch. With paper "Notes on Kordofan Province," by Captain Watkiss Lloyd. *Geog. Jour.*, Vol. 35, No. 3, London, 1910. [Shows a network of tracks cleared or being cleared, other routes, telegraph, water courses, large nomenclature, etc.]

BELGIAN CONGO. Carte des Concessions de l'Union minière du Haut Katanga. 1:2,000,000=31.56 miles to an inch. With paper "Les Gisements miniers du Katanga" in *Le Mouvement Géog.*, Vol. 27, No. 8, Brussels, 1910. [Shows, in colors, the copper, tin, gold, iron and coal areas with mining concessions.]

BRITISH-FRENCH SUDAN. Lac Tchad. Aspect en Avril, 1908, tel qu'il résulte des levés faits de Novembre, 1907 à Mai, 1908. Par Capt. Tilho (and other members of the Tilho Mission, the work of previous explorers also being used). 1:500,000=7.89 miles to an inch. Illustrates "Le Tchad et les pays-bas du Tchad," by Capt. Jean Tilho. *La Géog.*, Vol. 21, No. 3, Paris, 1910. [Gives, in colors, the results of the most thorough survey of the lake yet made, showing

its rapid desiccation, many routes through the lake, soundings and elevations in meters, points astronomically determined, etc., together with a large amount of information on the country for 2° north of Lake Chad.]

CAMEROONS. Reisewege der Kamerun-Expedition, 1907-08. $1:2,500,000=39.4$ miles to an inch. With "Forschungs-Expedition in das Kamerun-Gebirge und ins Hinterland von Nordwest-Kamerun." By Dr. K. Hassert. *Zeits. d. Gesell. f. Erdkunde zu Berlin*, No. 1, Berlin, 1910. [Showing routes of the explorers with elevations in brown.]

EGYPT. Distribution of Iron Ores in Egypt. $1:3,000,000=47.34$ miles to an inch. In Surv. Dep't. *Paper 20*, "Distribution of Iron Ores in Egypt," by W. F. Hume. *Geol. Surv.*, Cairo, 1909. [Black map showing iron ore distribution between the Mediterranean and Wadi Halfa and from the Libyan oases in the west to the Red Sea in the east.]

GERMAN EAST AFRICA. Stadtplan von Daressalam. 1 inch=550 meters. Illustrates "Daressalam" in *Deut. Kolonialz.* Vol. 27, No. 6, Berlin, 1910. [Black.]

LIBERIA. Libéria. Itinéraire suivi par M. Moret, de Cribro à Sinoe. $1:750,000=11.84$ miles to an inch. With "À travers le Libéria (same author). *La Géog.*, Vol. 21, No. 1, Paris, 1910. [A black map with many new place names.]

LIBERIA. Prismatic Compass Traverse in Liberia. By Capt. C. Braithwaite Wallis. $1:500,000=7.89$ miles to an inch. With paper "A Tour in the Liberian Hinterland" (same author), in *Geog. Jour.*, Vol. 35, No. 3, London, 1910. [Includes approximate boundaries of Chiefdoms.]

MAURITANIA. Mauritanie orientale d'après Lieut. Laronne. $1:2,500,000=39.4$ miles to an inch. Illustrates "La Mauritanie orientale" (same author), *La Géog.*, Vol. 21, No. 4, Paris, 1910. [A black map giving a large amount of new data relating to this little known region in the southwestern Sahara.]

RHODESIA. Map of Northern Rhodesia and adjacent Territories, showing Faunistic Areas. $1:5,000,000=78.9$ miles to an inch. By S. A. N. Neave. With paper "A Naturalist's Travels on the Congo-Zambezi Watershed." *Geog. Jour.*, Vol. 35, No. 2, London, 1910. [Three tints to show areas of South, Central and West African Fauna.]

SAHARA. Approximate Distribution of Sand Dunes of the Libyan Desert. $1:7,500,000=118.35$ miles to an inch. By H. J. L. Beadnell. $24^{\circ}-32^{\circ}$ N.; $22^{\circ}-34^{\circ}$ E. With paper (same title and author), in *Geog. Jour.*, Vol. 35, No. 4, London, 1910. [Showing geological formations and the dune regions.]

SAHARA. Itinéraires parcourus par le Capitaine Cordier dans le Pays des Ioulliminden. $1:5,000,000=78.9$ miles to an inch. $15^{\circ}-20^{\circ}$ N.; $2^{\circ} 20'$ W.- 7° E. of Paris. Illustrates "Le Pays des Touaregs Ioulliminden." *La Géog.*, Vol. 21, No. 4, Paris, 1910. [A black map giving the itineraries of Capt. Cordier. All locations noted on his routes were fixed astronomically.]

SAHARA. Croquis schématique des Territoires au nord-est du Tchad. $1:5,000,000$. Illustrates "Les régions au nord-est du Tchad (Mission de délimitation Niger-Tchad-Mission Tilho)." *La Géog.*, Vol. 21, No. 4, Paris, 1910. [A black map showing the Mission and other itineraries and some new place names, wells and surface features.]

TUNIS. Situation agricole des Territoires du sud Tunisiens. No Scale. Illustrates "Note sur la Situation économique du Sud de la Régence de Tunis, et sur l'Avenir de cette Région." *Bull. Sec. tunisienne de la Soc. Géog. Comm. de Paris*, No. 2, Tunis, 1909. [Colored to show sources of artesian wells, and regions favorable for the cultivation of the palm and olive.]

ASIA

ASIATIC TURKEY AND W. PERSIA. Part of Kurdistan. $1:2,000,000=31.56$ miles to an inch. $35^{\circ}-40^{\circ}$ N.; $41^{\circ}-47^{\circ}$ E. With paper by Capt. Bertram Dickson, "Journeys in Kurdistan." *Geog. Jour.*, Vol. 35, No. 4, London, 1910. [Colors differentiate leading topographical features.]

ARABIA. Sketch Map of North West Arabia. Showing the explorations of Douglas Carruthers, 1909. $1:2,000,000=31.56$ miles to an inch. With paper "A Journey in North-Western Arabia," by Mr. Carruthers. *Geog. Jour.*, Vol. 35, No. 3, London, 1910. [Based on a prismatic compass survey in the region included between $27^{\circ} 30'-32^{\circ} 10'$ N.; $34^{\circ}-40^{\circ}$ E.]

CHINA. Part of Western Sechuan. $1:1,000,000=15.78$ miles to an inch. From a Plane table Survey by J. W. Brooke. Illustrates "Mr. J. W. Brooke's Journeys in Western Sze-chuan." By C. H. Meares. *Geog. Jour.*, Vol. 34, No. 6, London, 1909. [The map contains the results of Mr. Brooke's surveys up to a short time before he was murdered by the Lolas, about the end of 1908.]

HIMALAYA. The Hispar Glacier and Tributaries in the Karakoram Range, explored by the Bullock Workman Expedition, 1908. $1:150,000=2.38$ miles to an inch. With paper "The Hispar Glacier," by Dr. and Mrs. Workman. *Geog. Jour.*, Vol. 35, No. 2, London, 1910.

INDIA. India, showing the Progress of the Imperial Surveys to 1st October, 1908. 1 inch= 128 miles. In *General Report of the Survey of India during 1907-08*. Calcutta, 1909. [Colors show areas covered by completed or progressing topographic surveys, by the various revenue surveys and by geographical reconnaissance, on various scales.]

MESOPOTAMIA. The Tigris-Euphrates Delta. $1:3,000,000=47.34$ miles to an inch. Illustrates a paper by Sir W. Willcocks: "Mesopotamia: Past, Present and Future." With inset showing railroads, built or projected, between Constantinople and the Persian Gulf. *Geog. Jour.*, Vol. 35, No. 1, London, 1910. [Red tint indicates land capable of early development.]

SUMATRA (south). Schetskaart der Onderafdeeling Koeboestreken. $1:500,000=7.89$ miles to an inch. Illustrates "De Koeboes in de Onderafdeeling Koeboestreken der Residentie Palembang." By G. J. Van Dongen. *Bijdragen tot de Taal-Land-en Volkenkunde van Neder-Indie*, Vol. 7, Nos. 3-4, The Hague, 1910.

EUROPE

AUSTRIA. Verbreitung des Erdbebens vom 19 Feb., 1908, in Niederösterreich. $1:1,000,000$. With "Bericht über das Erdbeben vom 19. Feb., 1908" in *Mitt. d. Erdbeben-Kommission d. k. Akademie d. Wissens. in Wien*, No. 34, Wien, 1908.

AUSTRIA-HUNGARY. Der Triester Karst mit seiner Höhlen und seinen problematischen unterirdischen Höhlenwässern. $1:150,000=2.38$ miles to an inch. By G. A. Perko. Illustrates "Zur österreichischen Karsthöhlenforschung" (same author). In *Deuts. Runds. f. Geog. u. Stat.*, Vol. 32, No. 6, Vienna, 1910. [Shows caves, probable courses of underground waters, surface waterpartings, etc.]

BALKANS. Geologie des nördlichen Albaniens. No scale. Illustrates paper (same title), by H. Vetters, in *Denkschriften d. k. Akad. d. Wiss., math.-naturw. Klasse*, Vol. 8o, Vienna, 1907. [Formations in colors.]

BALKANS. Die Vegetations Regionen der Balkanhalbinsel. $1:2,000,000=31.56$ miles to an inch. By Prof. Dr. L. Adamovic. Illustrates paper "Pflanzengeographie der Balkanhalbinsel," by same author. *Denkschriften d. k. Akad. d. Wiss., math.-naturw. Klasse*, Vol. 8o, Vienna, 1907. [16 symbols in colors to show distribution of flora.]

BALKANS. Vegetationsgrenzen, Verbreitung, Areal u. Standorte d. wichtigsten Holzgewächse d. Balkanhalbinsel. $1:3,000,000=47.34$ miles to an inch. By Prof. Dr. L. Adamovic. *Denkschriften d. k. Akad. d. Wiss., math.-naturw. Klasse*, Vol. 8o, Vienna, 1907.

BALKANS. Pflanzengeographische Karte Bulgariens, Ostrumeliens, Nordthrapiens und Nordmazedoniens. $1:750,000=11.84$ miles to an inch. Illustrates paper (same author) "Die Verbreitung der Holzgewächse in Bulgarien und Ostrumeliens." *Denkschriften d. k. Akad. d. Wiss., math.-naturw. Klasse*, Vol. 84, Vienna, 1909.

FRANCE. Glaciers du Massif des Grandes-Rousses. $1:10,000=0.1$ mile to an inch. With "Travaux topographiques et glaciologiques dans le massif des Grandes-Rousses," by G. Flusin and Ch. Jacob. *La Géog.*, Vol. 21, No. 1, Paris, 1910. [Mountains in brown, blue contours for elevations of glacier surfaces, symbols for moraines, etc.]

FRANCE. Tremblement de Terre du 11 Juin, 1909. Intensité de la Secousse principale. Carte dressée par A. Angot. Illustrates paper (same title) by A. Angot and P. Lemoine. *Annales de Géog.*, Vol. 19 (No. 103), Paris, 1910. [Shows, in colors, the degrees of intensity noted according to the Forel-Mercalli Scale.]

RUMANIA. Formarea Deltei Dunarei. $1:400,000=6.3$ miles to an inch. Illustrates paper (same title) by Captain M. D. Ionescu in *Buletin, Rumanian Geog. Soc.*, Vol. 30, No. 1, Bucharest, 1909. [Map, in colors, of the Danube Delta.]

WORLD

MAPS OF THE CONTINENTS. Mercator Projection. (a) Biographische Gliederung d. Kontinente; (b, c) Ausbreitung d. Säugetiere, 1 & 2; (d, e) Ausbreitung d. Reptilien, 1 & 2; (f) Ausbreitung d. Amphibien u. d. Dipnoer; (g) Gebirgskarte d. Erde; (h) Karte d. Gezeitenwirkung u. d. teträdrischen Deformation; (i-r) 10 Karten d. Kontinente während des Kambrium, de Silurzeit, Devonzeit, Karbonzeit, Triaszeit, Jurazeit, Kreidezeit, älteren Tertiärzeit, jüngeren Tertiärzeit, Diluvialzeit; (s) Ausbreitung der Menschenrassen. [Maps in colors illustrating "Die Entwicklung der Kontinente und Ihrer Lebewelt," by Dr. Theodor Arldt.]